

FIG. 1

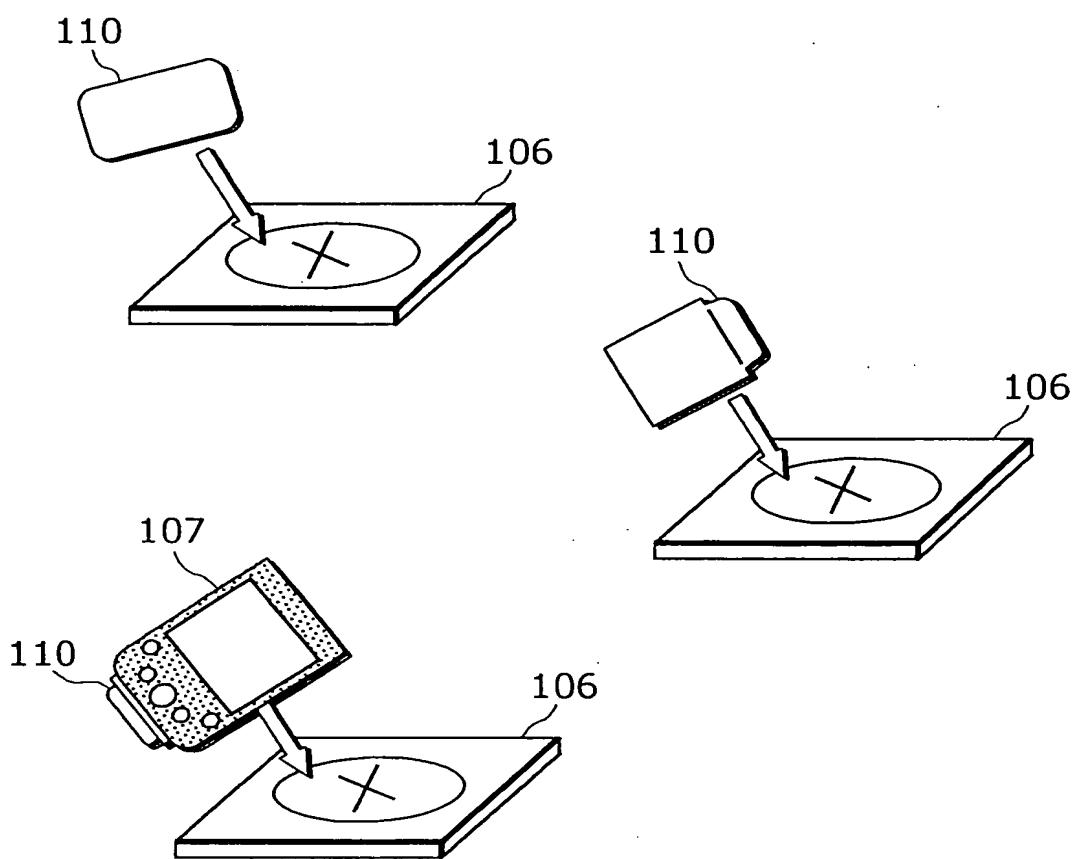


FIG. 2

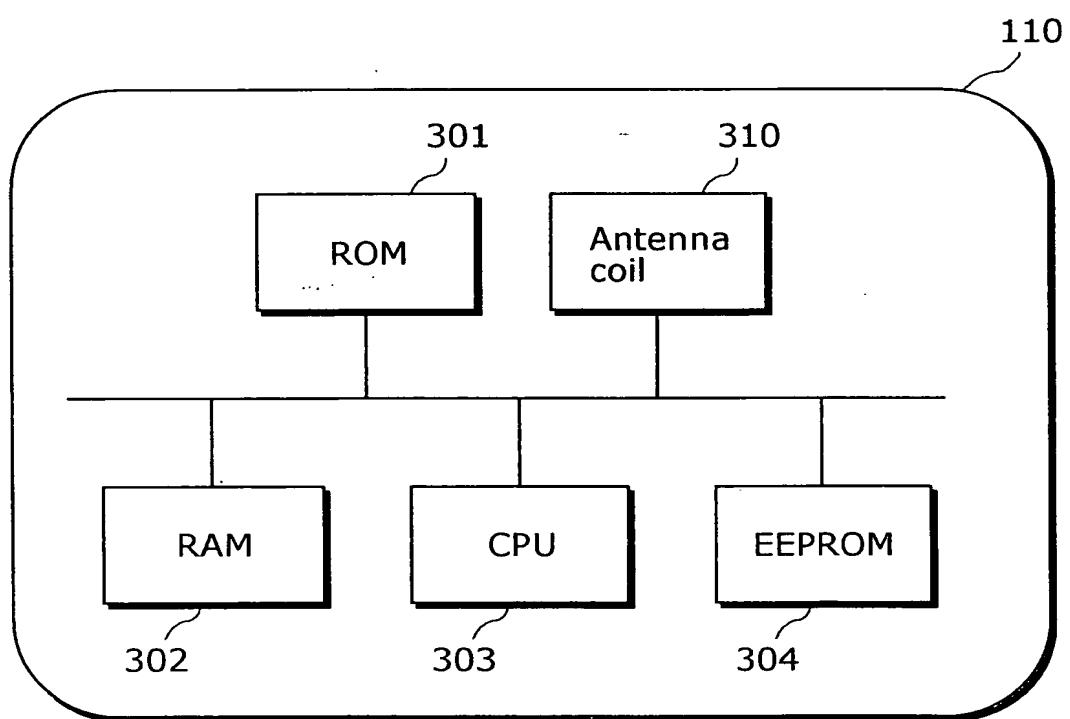


FIG. 3

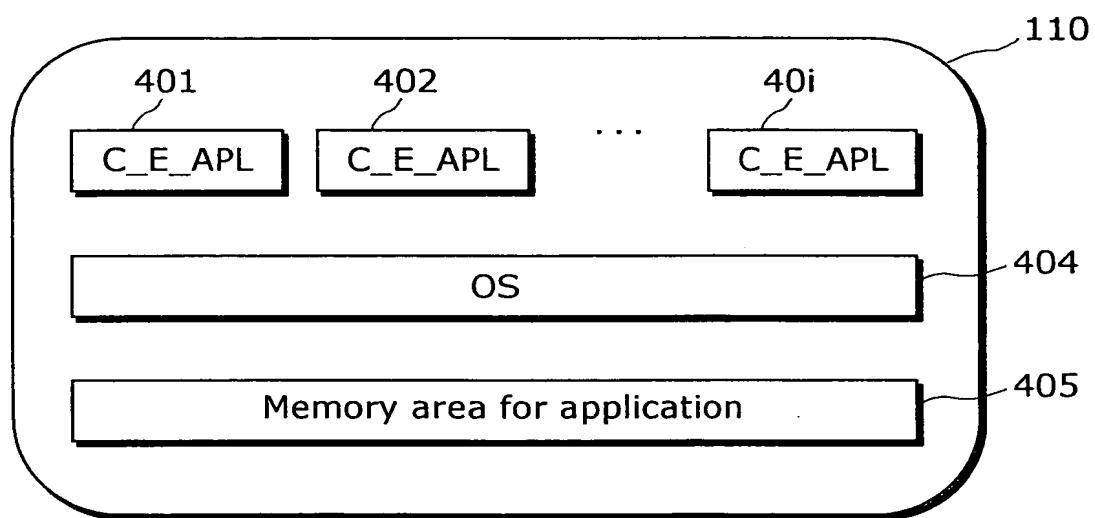


FIG. 4

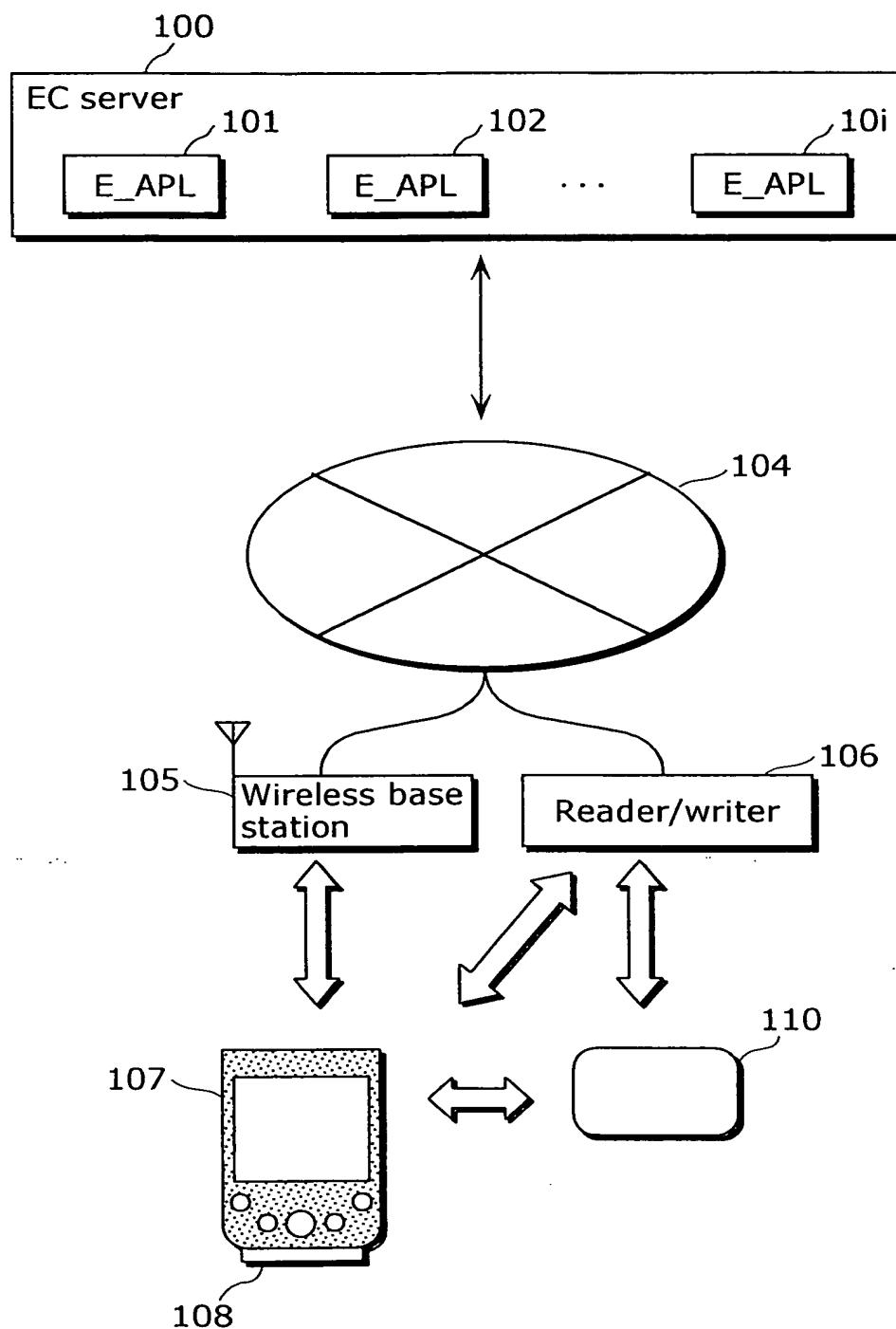


FIG. 5A

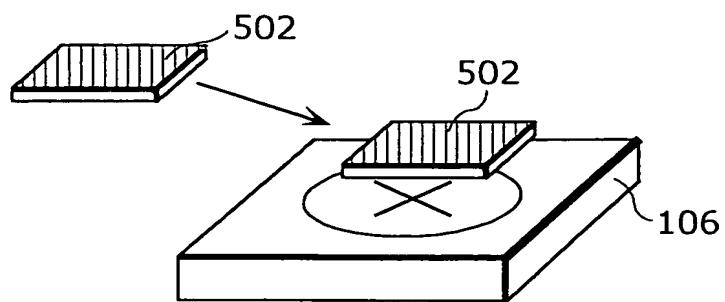


FIG. 5B

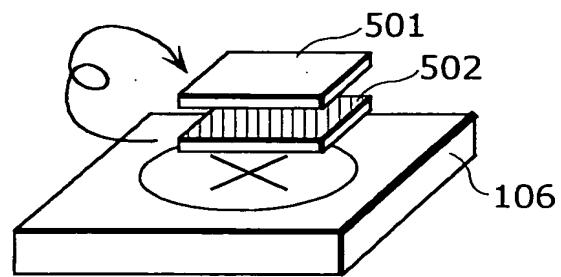


FIG. 5C

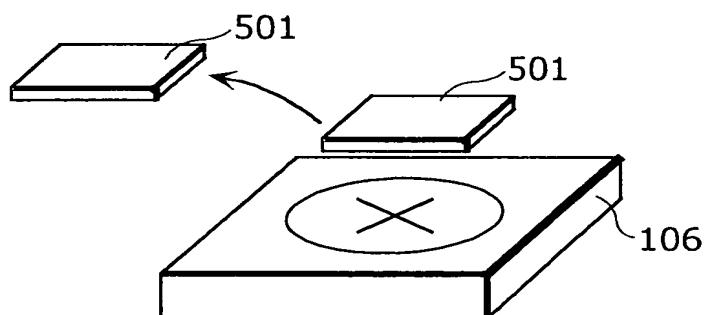


FIG. 5D

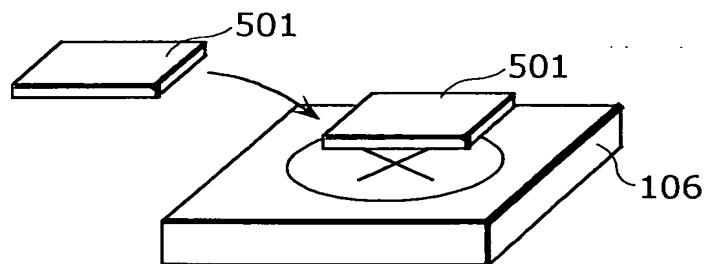


FIG. 5E

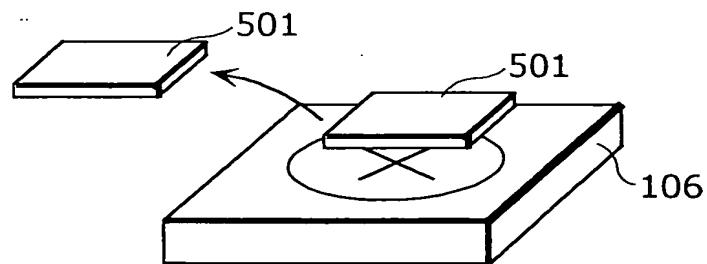


FIG. 6A

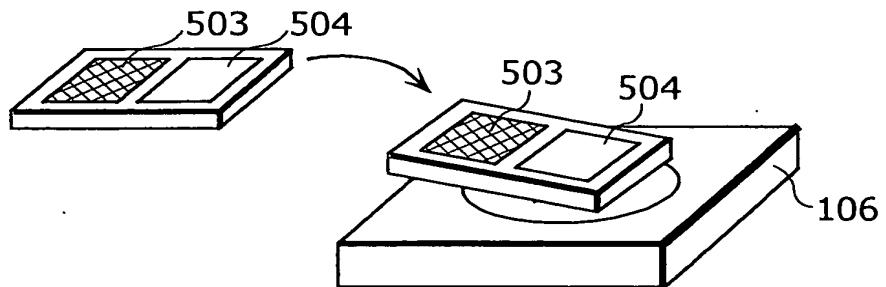


FIG. 6B

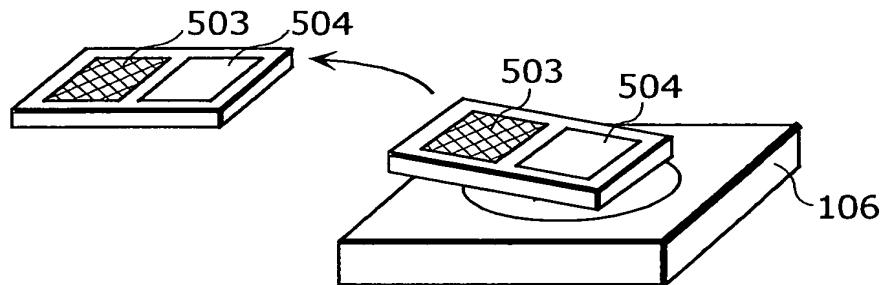


FIG. 6C

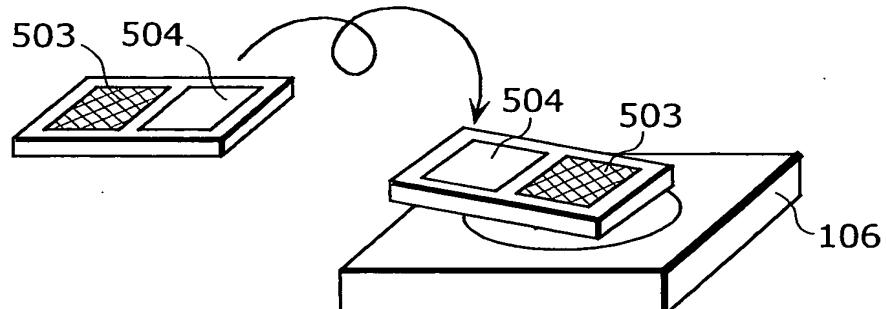


FIG. 6D

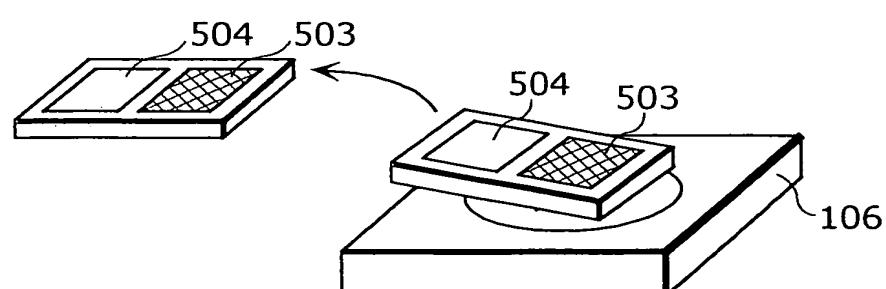


FIG. 7A

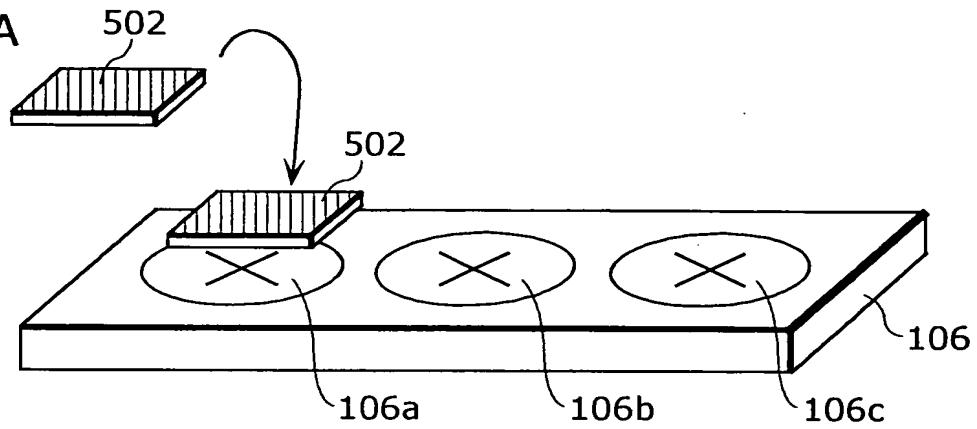


FIG. 7B

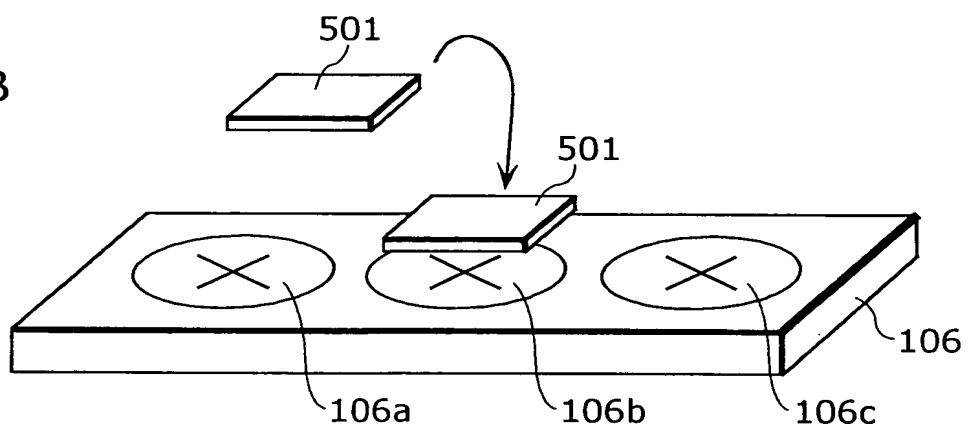


FIG. 7C

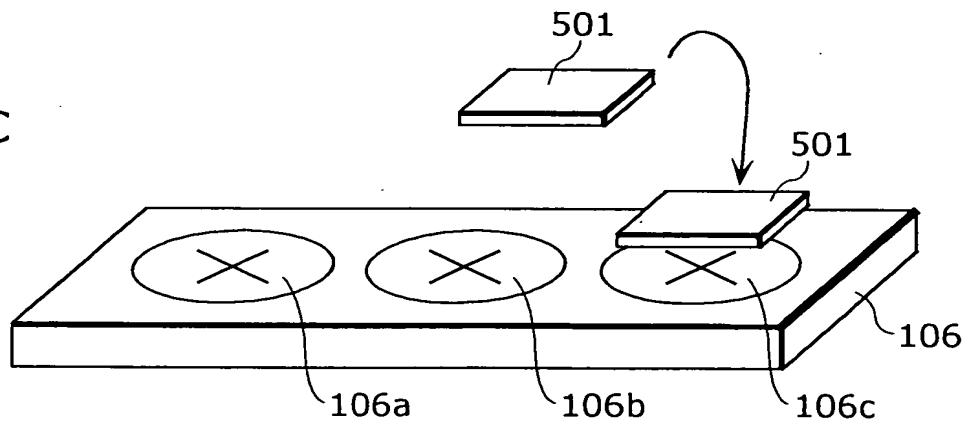


FIG. 8

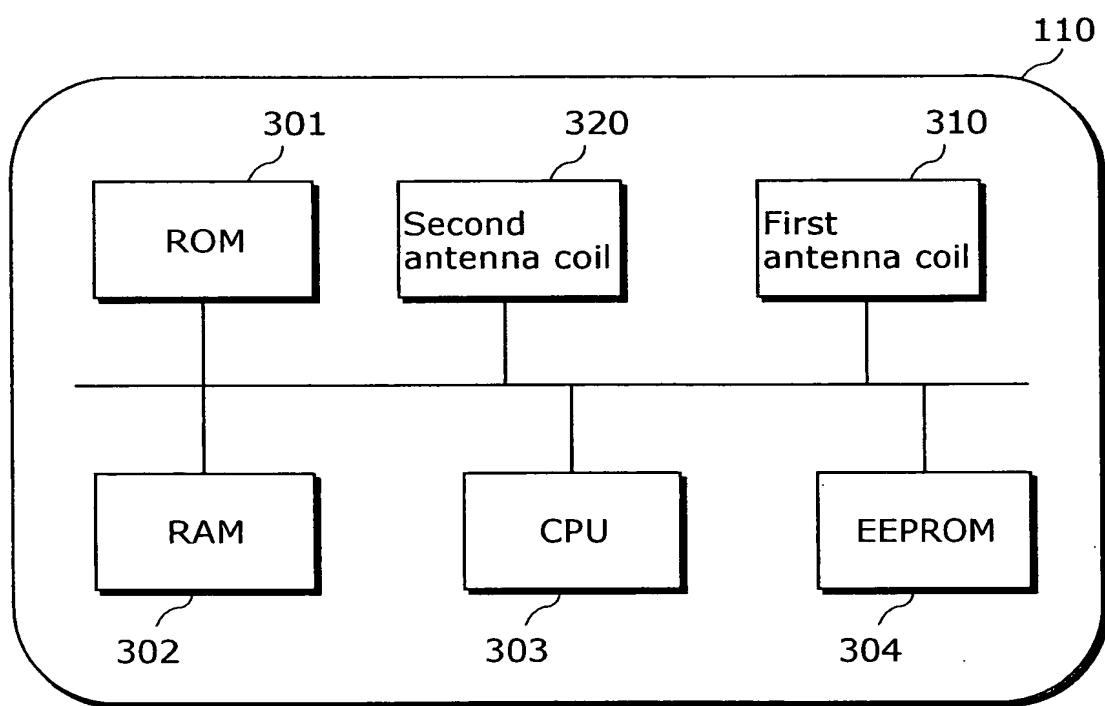


FIG. 9

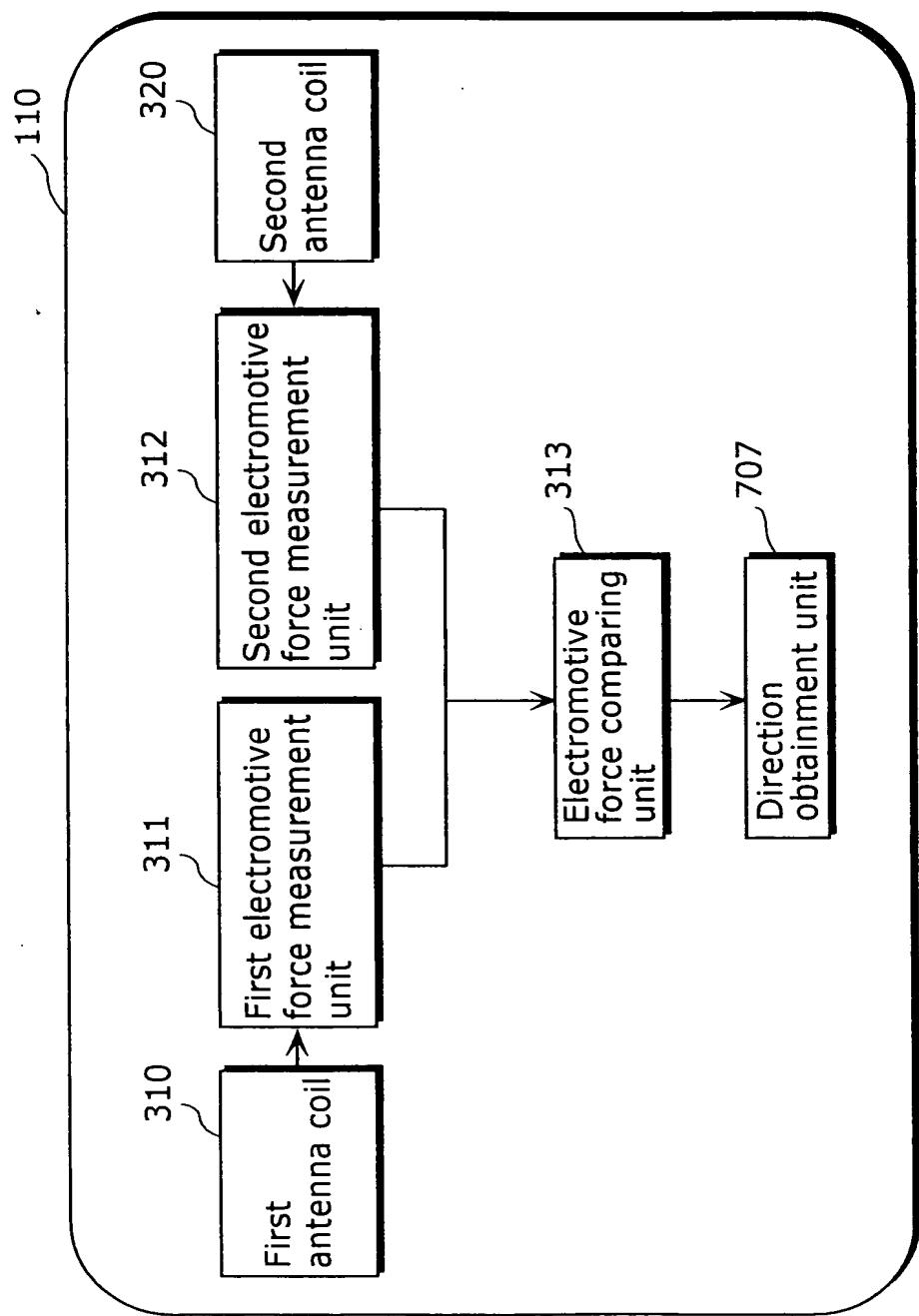


FIG. 10A

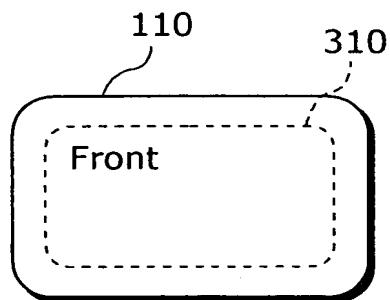


FIG. 10B

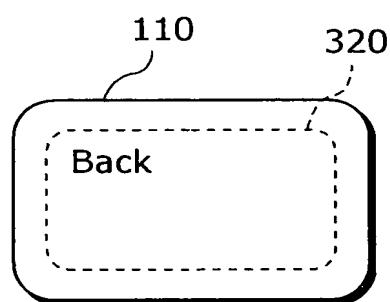


FIG. 10C

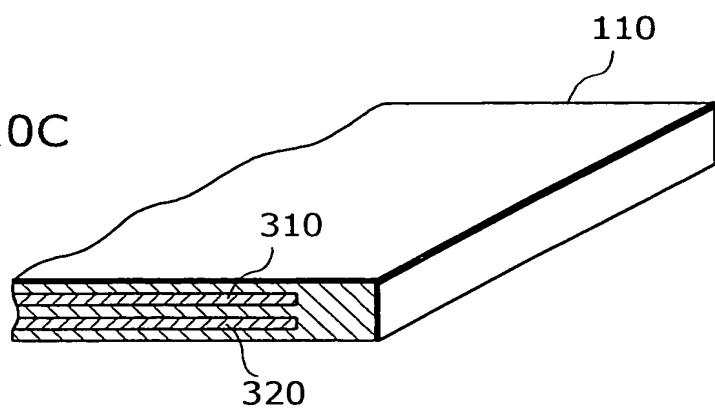


FIG. 11A

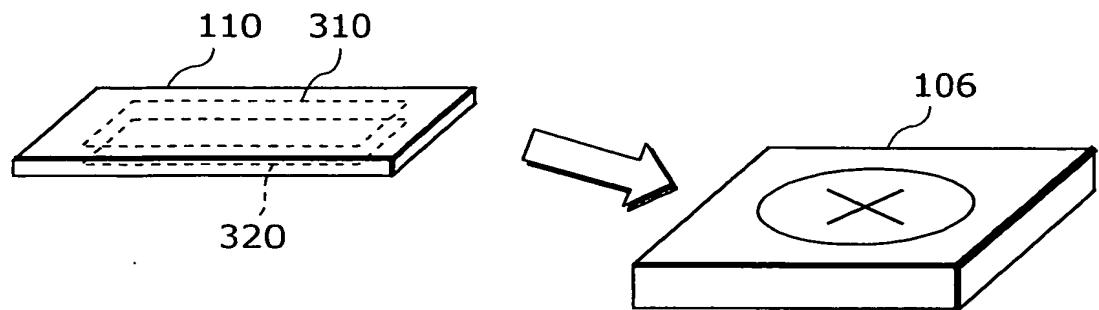
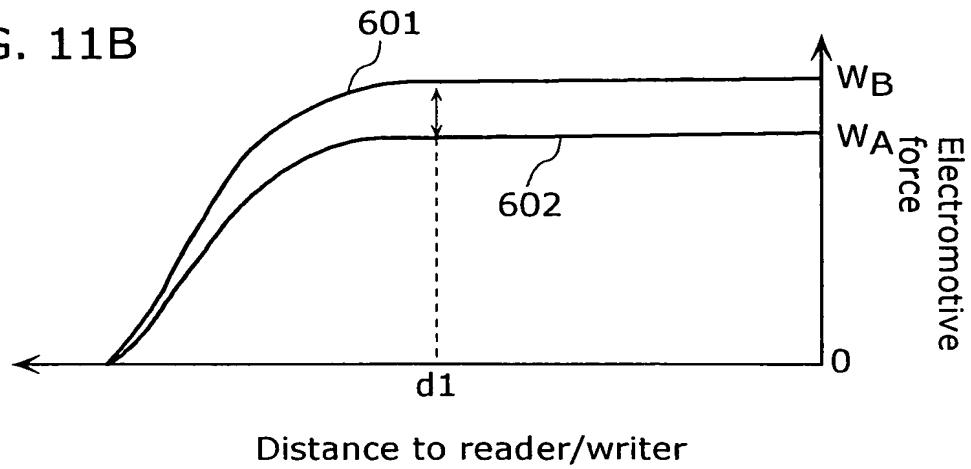


FIG. 11B



Distance to reader/writer

FIG. 11C

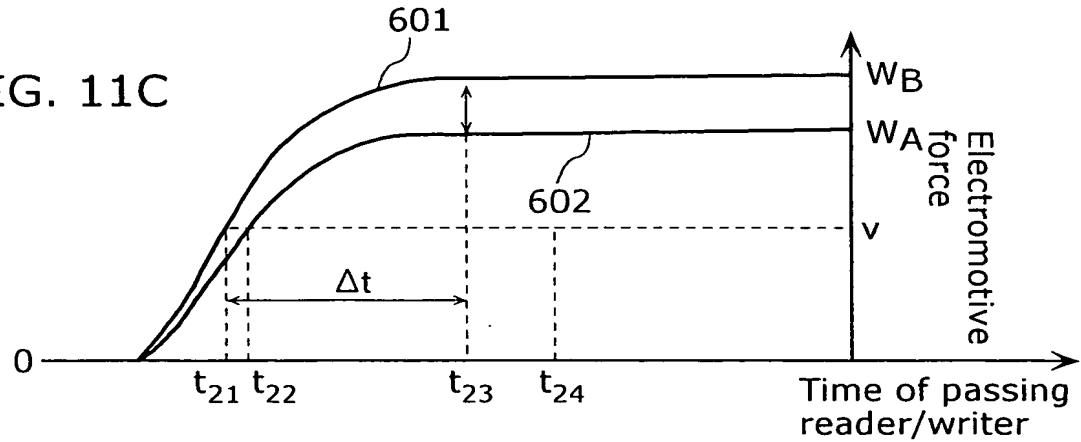


FIG. 12A

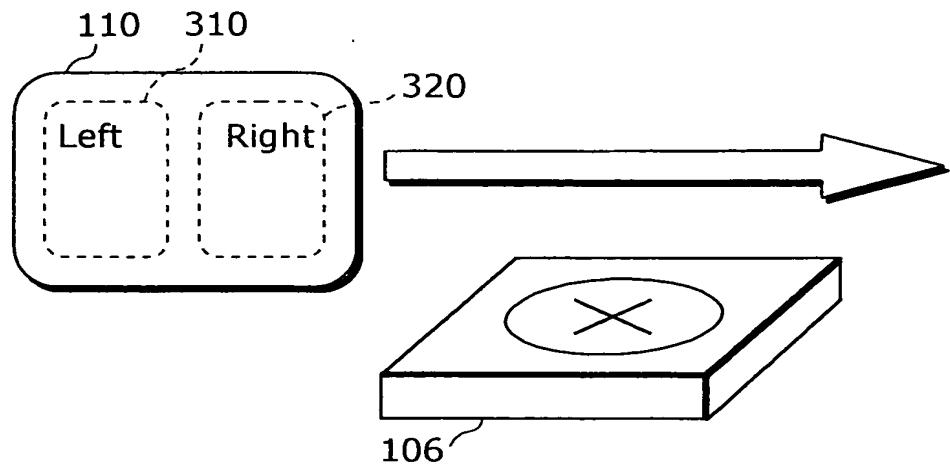


FIG. 12B

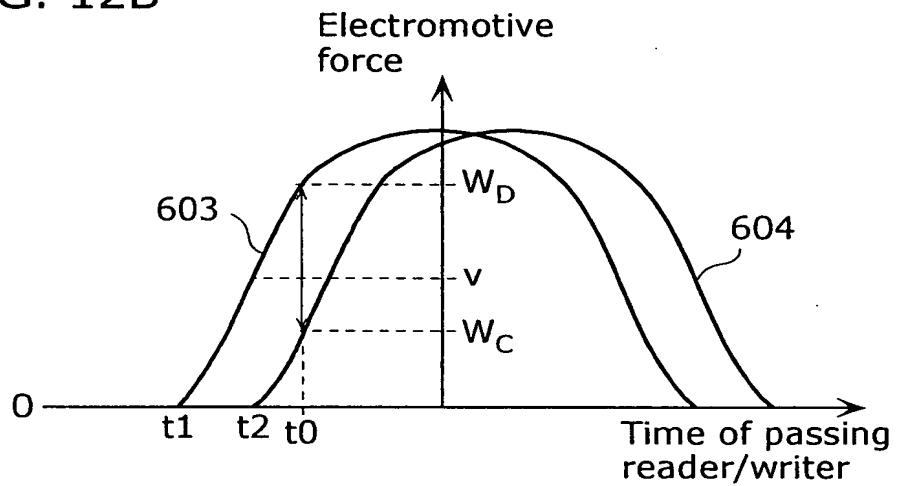


FIG. 12C

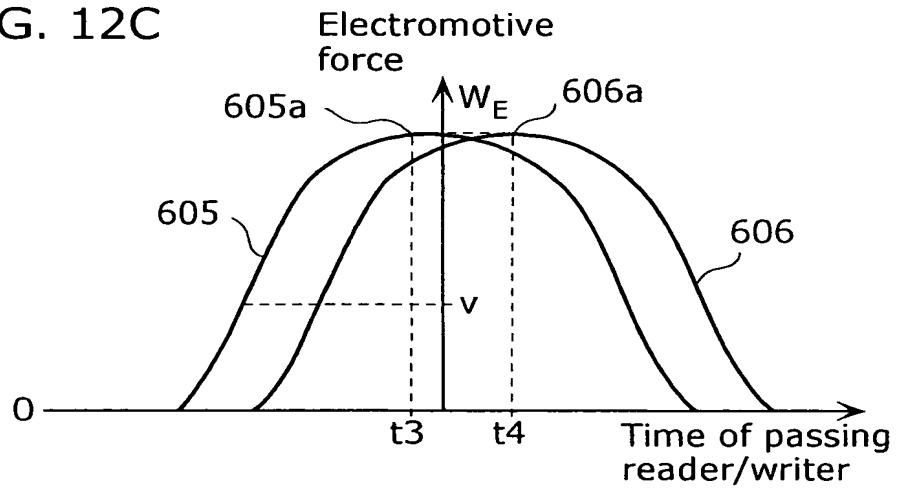


FIG. 13A

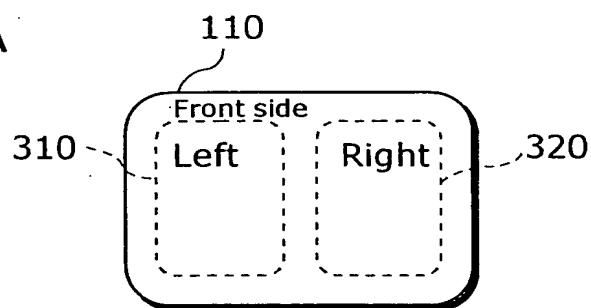


FIG. 13B

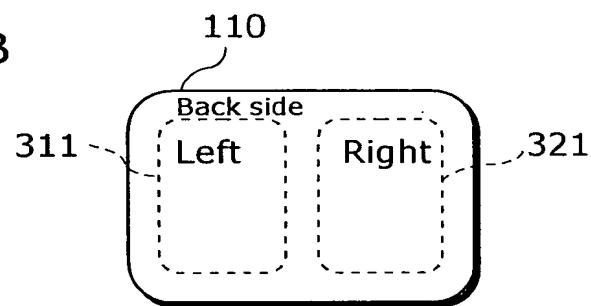


FIG. 13C

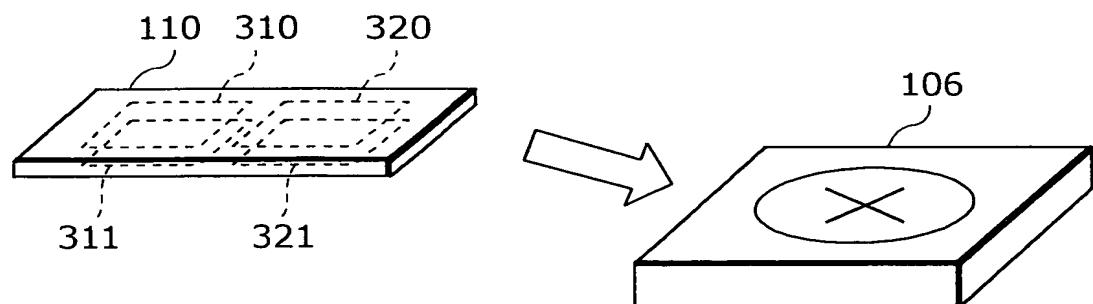


FIG. 14A

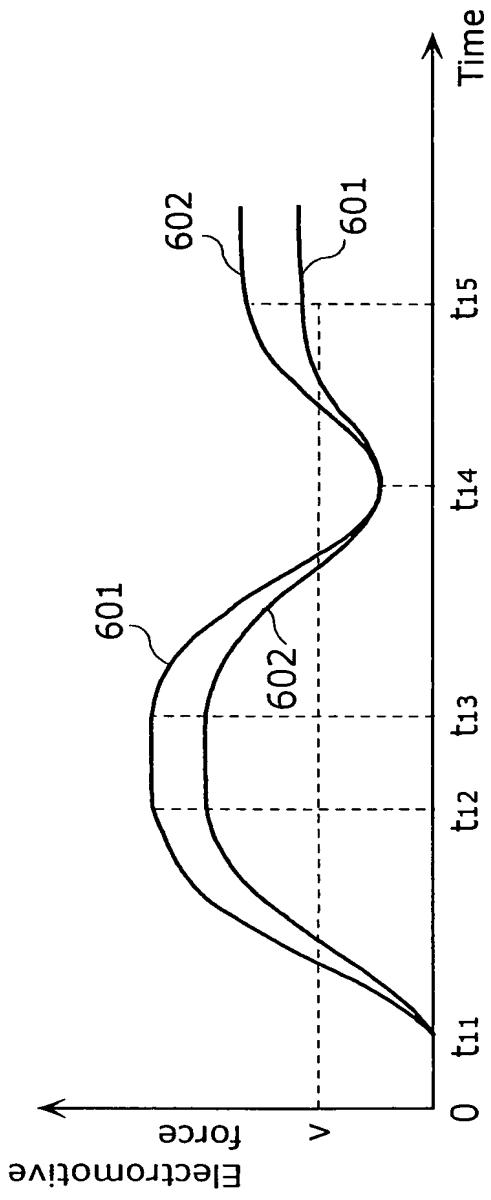


FIG. 14B

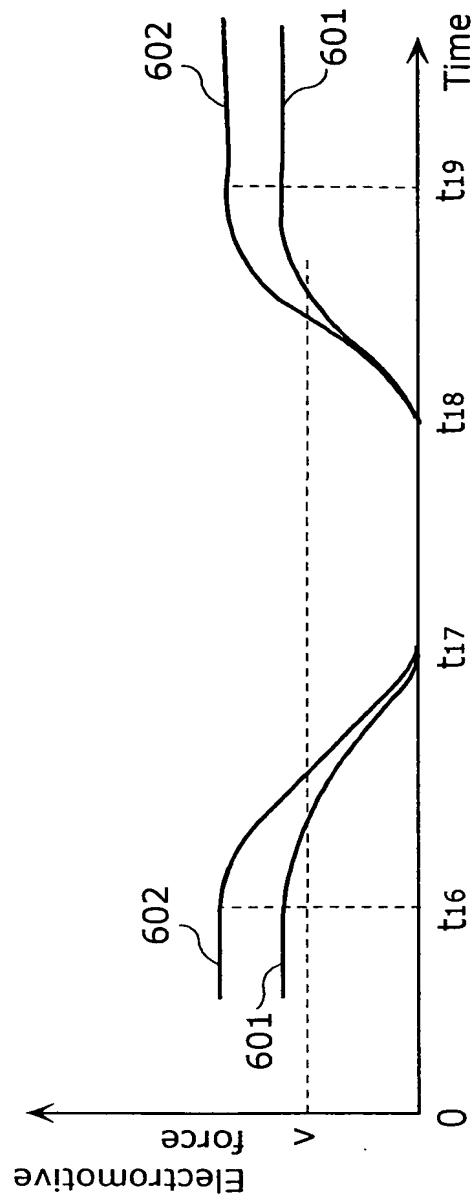


FIG. 15

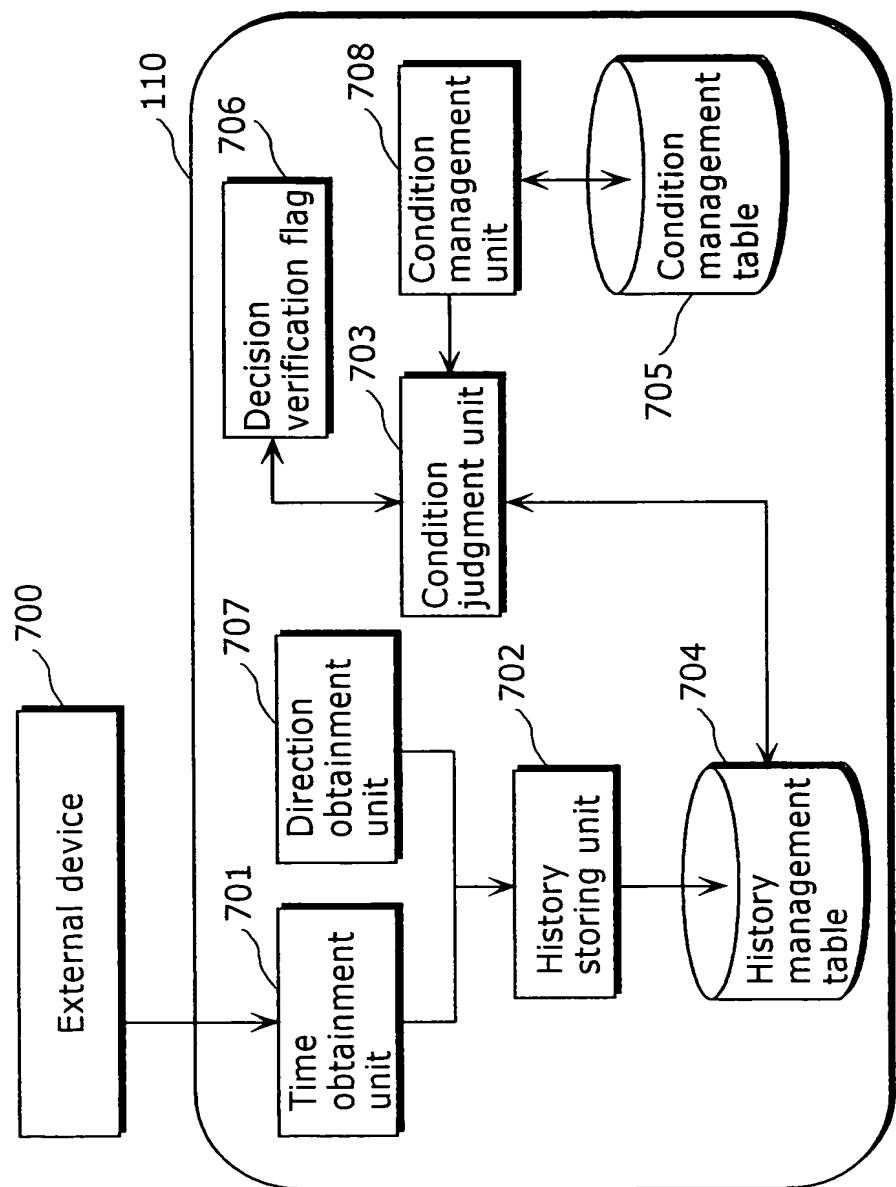


FIG. 16

Service type	APL_ID	Access state				Access direction
E_SRV1	0001h	07D5h	03h	03h	0Ch	18h 37h
E_SRV1	0001h	07D5h	03h	03h	0Ch	18h 38h

FIG. 17

1100 { 1101 { 1102 { 1103 { 1104 { 1105 { 1106 { 1107 {

Front back verification flag		Front=0 Back=1		Up		Down		Left		Right		Indication		Value	
1	0	0	0	0	0	0	0	0	0	0	0	Front side	80h	1108	
				1	0	0	0	0	0	0	0	Front side up	88h	1109	
				0	1	0	0	0	0	0	0	Front side down	84h	1110	
				0	0	1	0	0	1	0	0	Front side left	82h	1111	
				0	0	0	1	0	0	1	0	Front side right	81h	1112	
1	0	0	1	0	0	0	0	0	0	0	0	Back side	90h	1113	
				1	0	0	0	0	0	0	0	Back side up	98h	1114	
				0	1	0	0	0	0	0	0	Back side down	94h	1115	
				0	0	1	0	0	1	0	0	Back side left	92h	1116	
				0	0	0	0	1	0	1	0	Back side right	91h	1117	
0	0	0	0/1	0	0	0	0	0	0	0	0	side 1/side 2	00h/10h	1118	
				1	0	0	0	0	0	0	0	side 1/side 2 up	08h/18h	1119	
				0	1	0	0	0	0	0	0	side 1/side 2 down	04h/14h	1120	
				0	0	1	0	0	1	0	0	side 1/side 2 left	02h/12h	1121	
				0	0	0	1	0	0	1	0	side 1/side 2 right	01h/11h	1122	

FIG. 18

Service type	APL_ID	Access conditions			Time series pattern
		Comparison times	Time limit	1byte	
1210	E_SRV1	0001h	02h	04h	80h 94h
1211	E_SRV2	0004h	04h	08h	10h 00h 10h 10h
1212	E_SRV3	2200h	00h	00h	
1213	E_SRV4	0120h	04h	0Ch	82h 91h 80h 80h
...
1214	E_SRVi	3312h	03h	0Fh	11h 01h 02h
...
1215	E_SRVn	0912h	02h	09h	01h 12h

FIG. 19

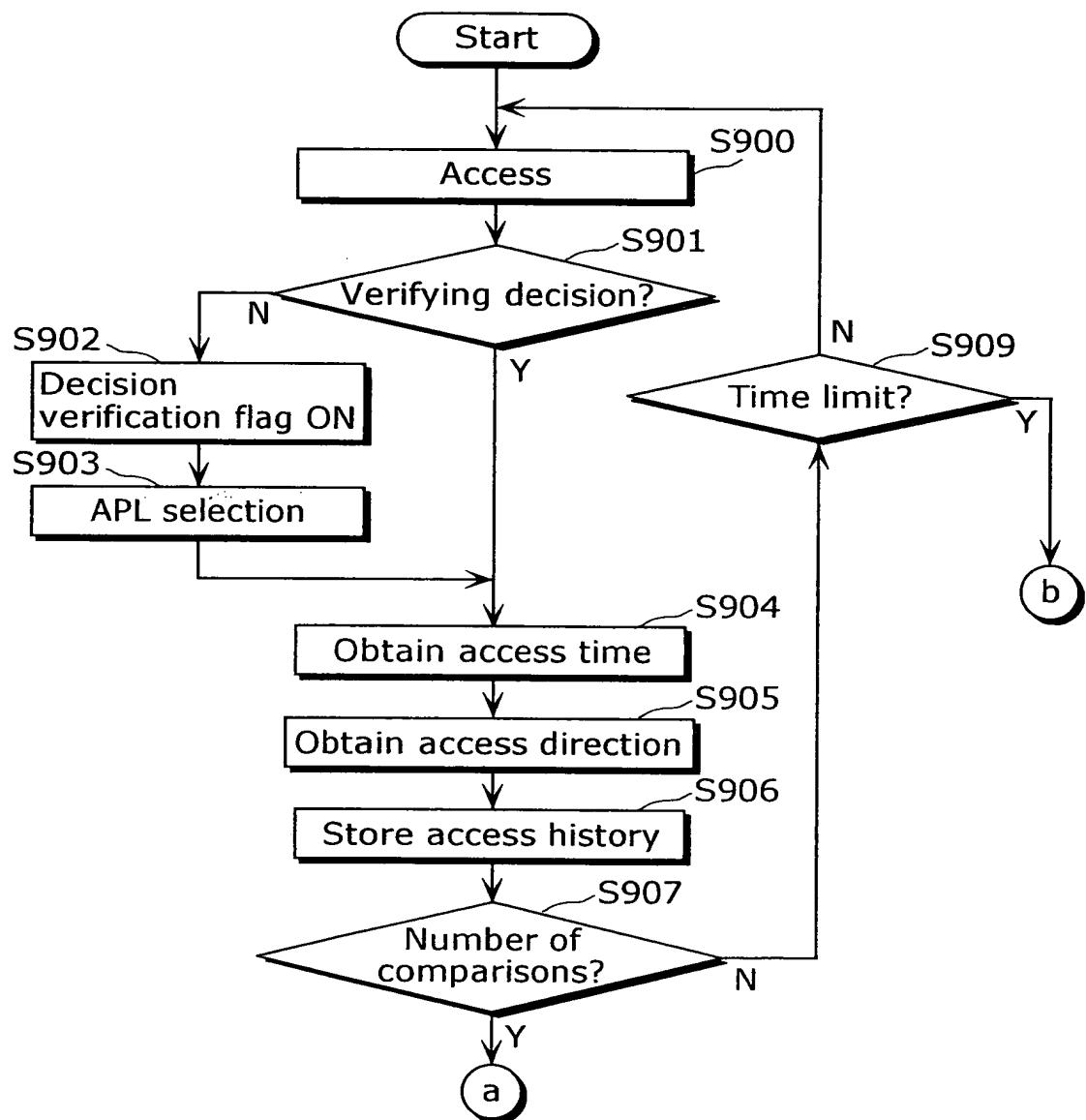


FIG. 20

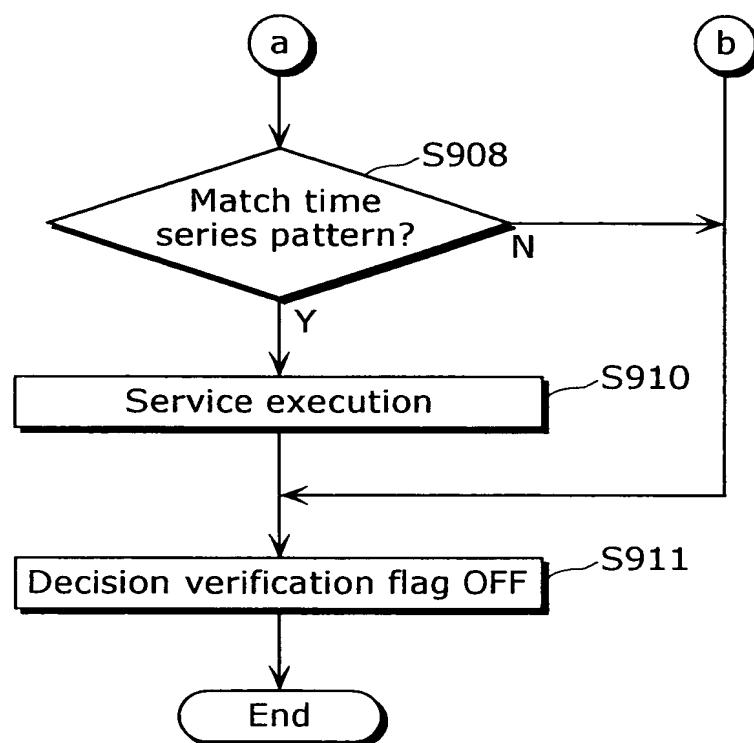


FIG. 21

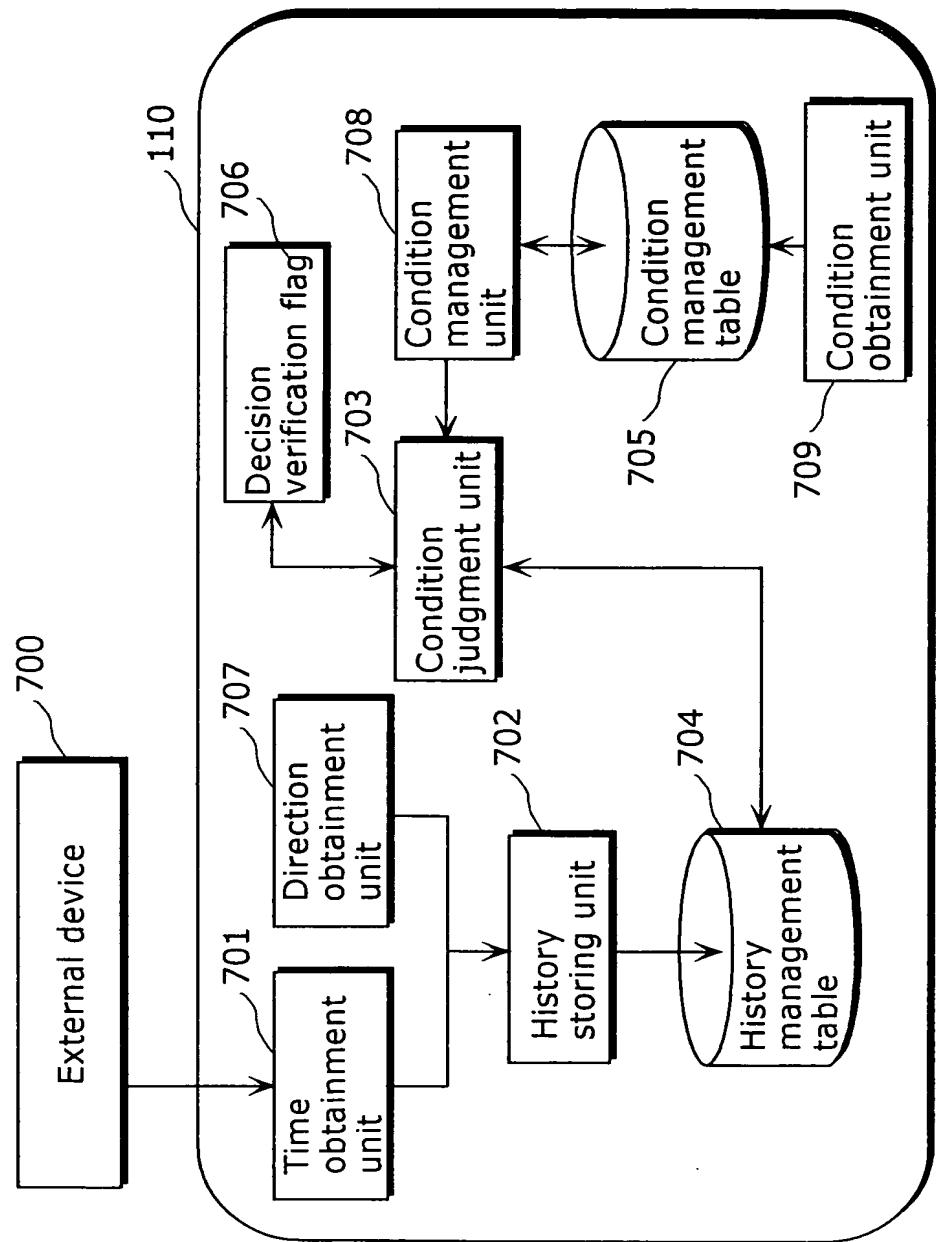


FIG. 22

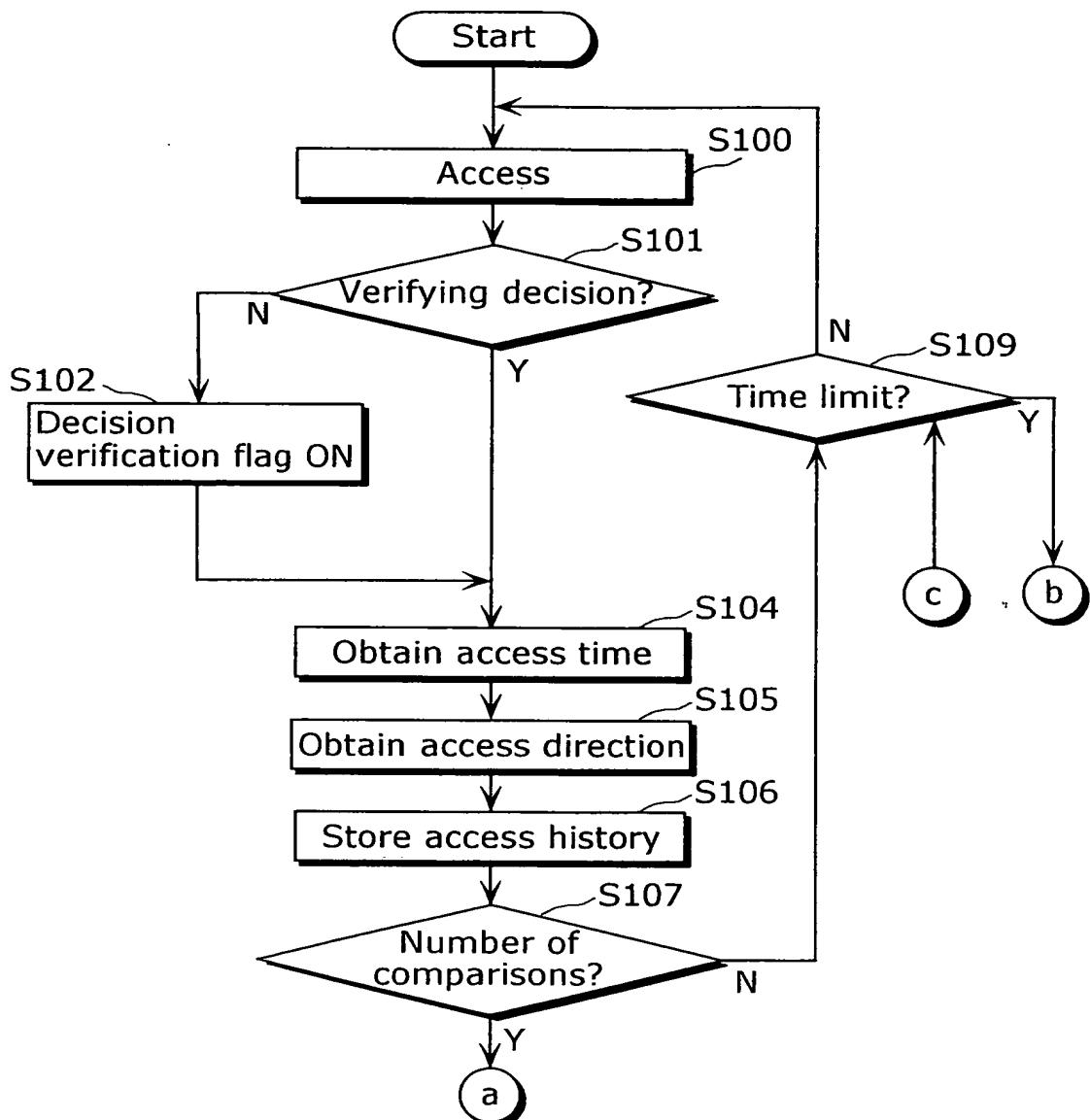


FIG. 23

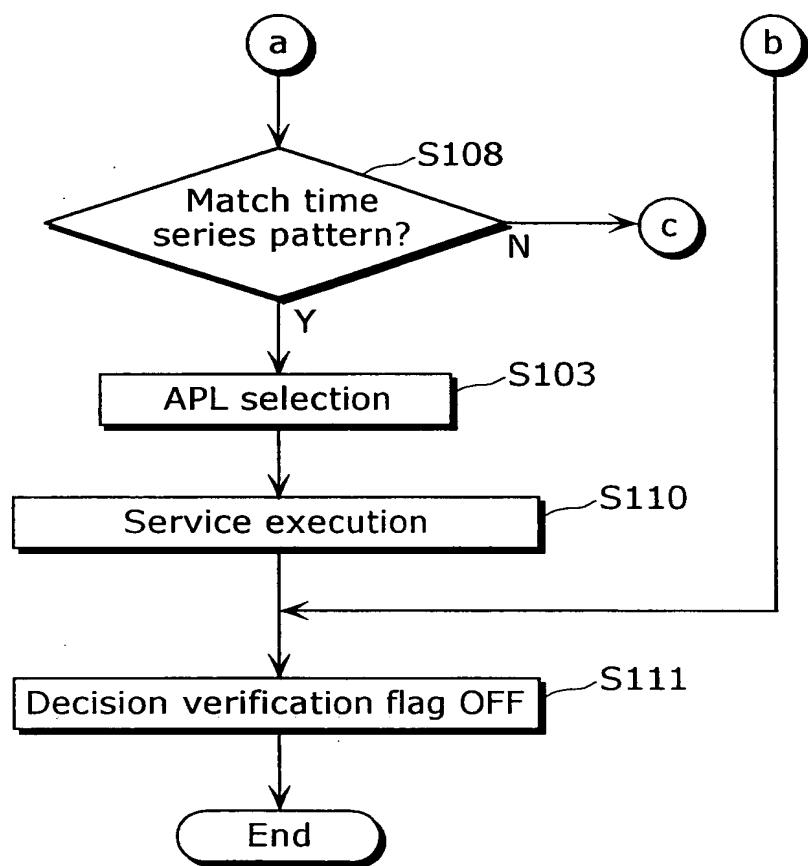


FIG. 24

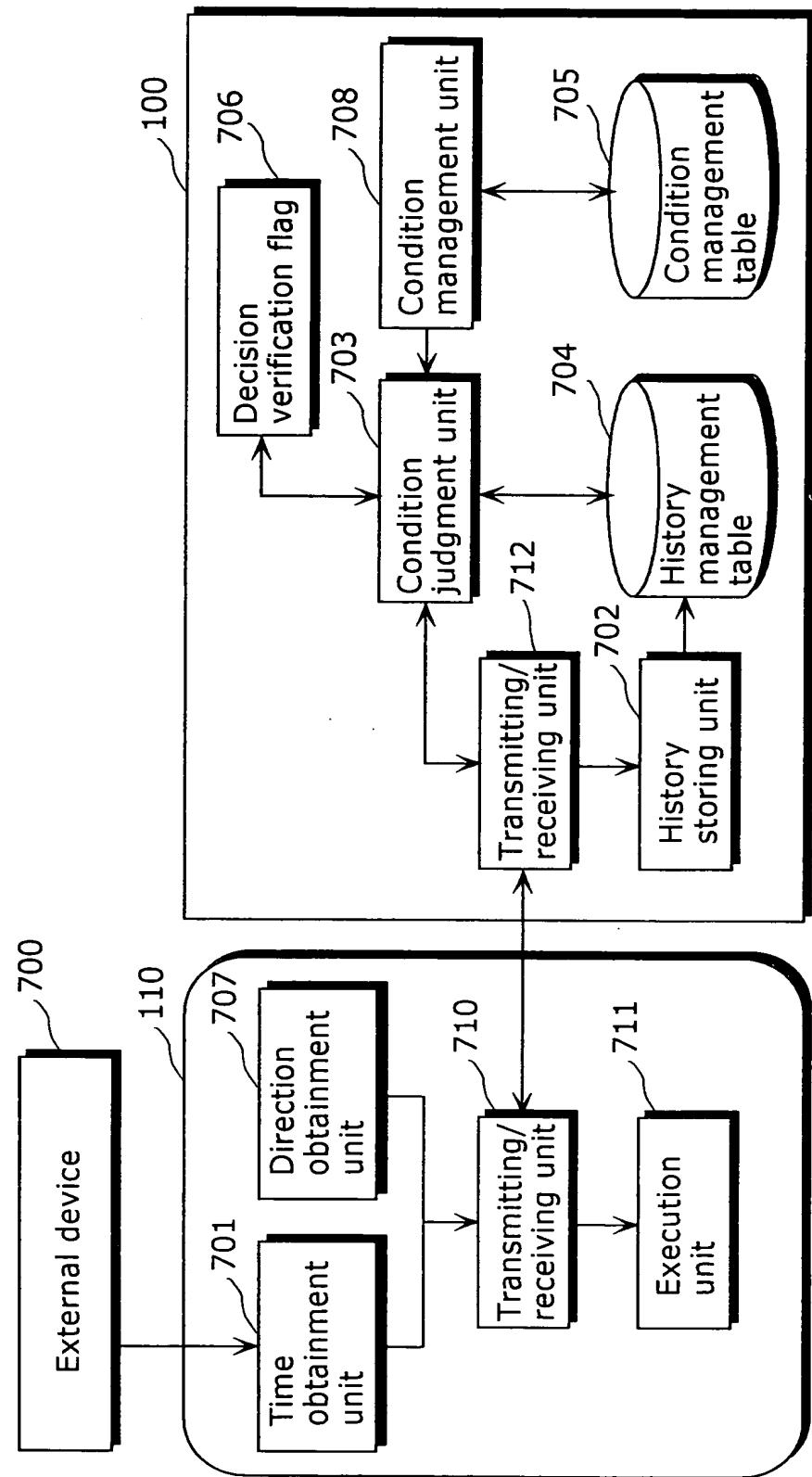


FIG. 25

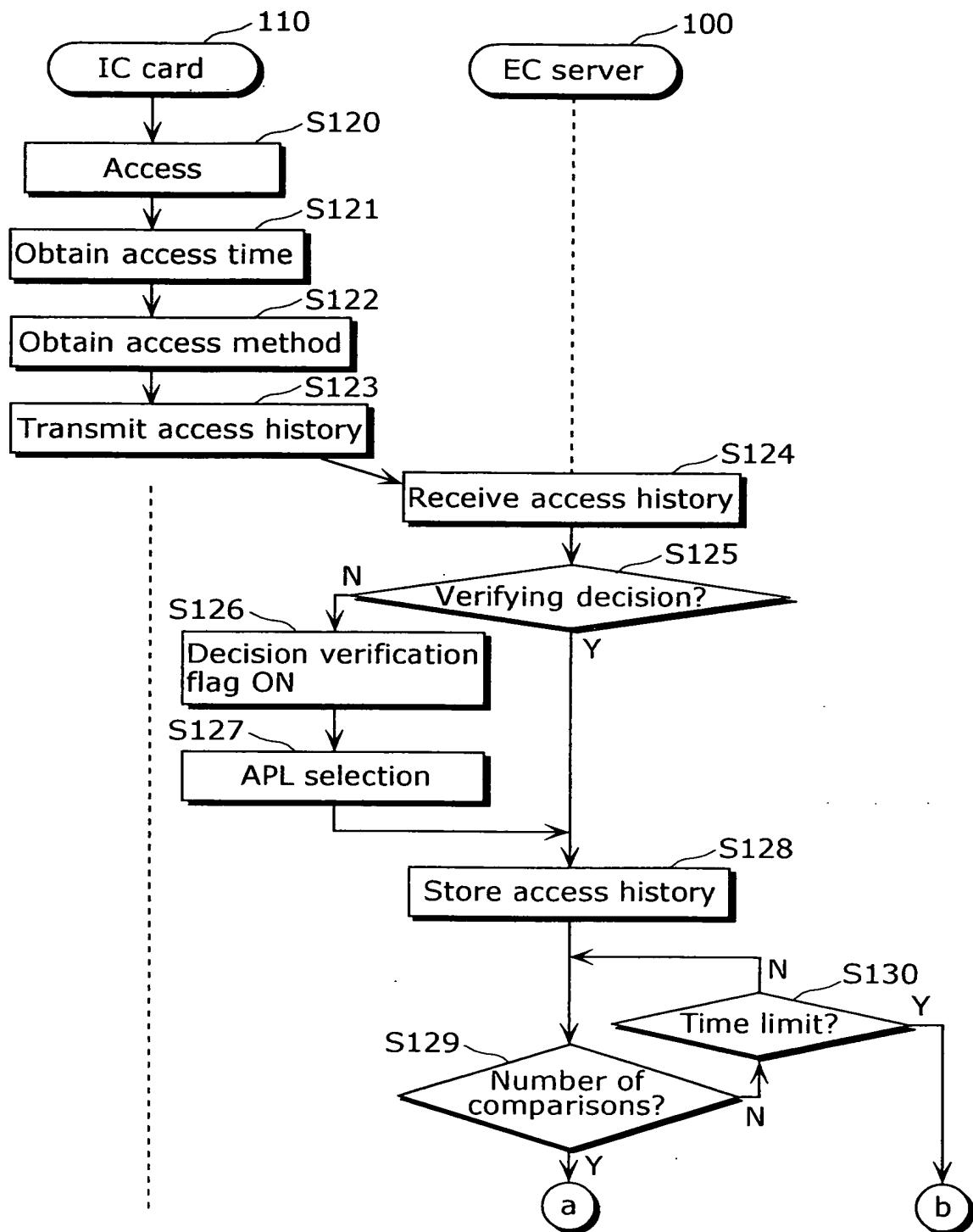


FIG. 26

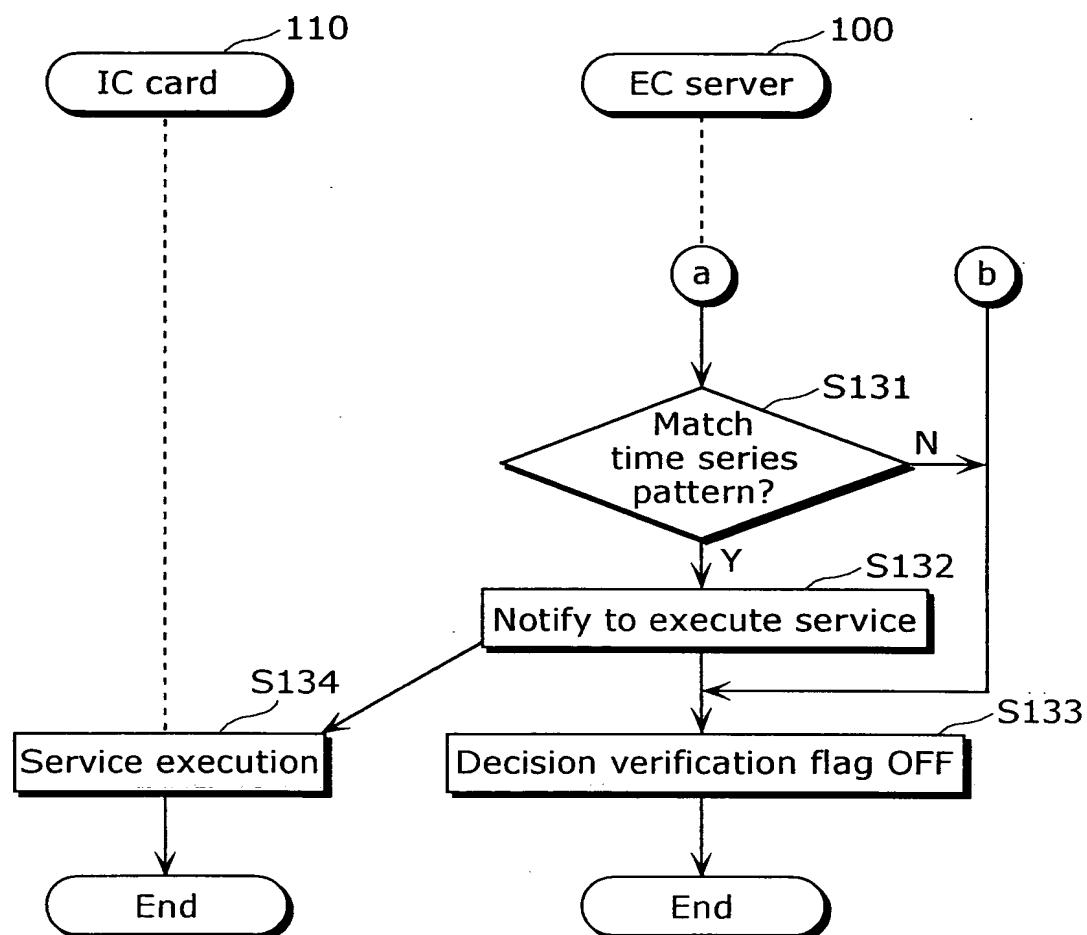


FIG. 27

